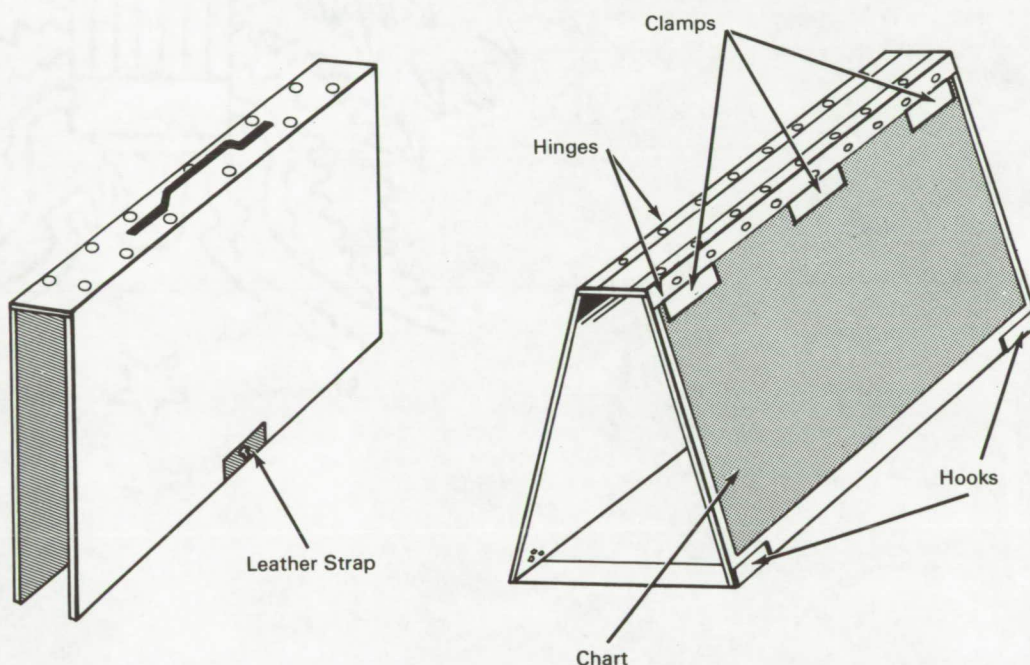


NASA TECH BRIEF



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Chart Case Opens to Form Briefing Easel



The problem:

To provide a chart carrying case that will also serve as a briefing easel.

The solution:

An aluminum carrying case that protects charts during transit and opens to form a rigid easel for easy presentation of the charts on display.

How it's done:

Two aluminum sheets hinged to an aluminum strip form a book-shaped assembly. Three triclip looseleaf clamps mounted inside the structure hold the charts, and a drawer pull fastened to the outside face of the strip provides a carrying handle. A leather

strap fastened across the open end of the device locks it shut. For display, the strap may be unfastened and the two faces rotated 160° each, locking at the open end by two hinged hooks to form an inverted V-shaped easel. The charts are thus exposed for display and may be rearranged easily using the quick-action clamps.

Note:

Inquiries concerning this innovation may be directed to:

Technology Utilization Officer
Manned Spacecraft Center
Houston, Texas, 77001
Reference: B66-10135

(continued overleaf)

Patent status:

No patent action is contemplated by NASA.

Source: Ray A. Nelson
of North American Aviation, Inc.
under contract to
Manned Spacecraft Center
(MSC-349)